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- 2 -

4. There are two reservoirs with a capacity of 1,500 cu. m. located underground at a depth of 60 cm.. The water is conducted from these reservoirs into a sloping canal through suction pipes.
5. There are two parallel concrete suction pipes, each having a length of 8 km.. By opening the locks the water is conducted into the canal under the Danube. The sloping canal is circular and watertight. At a pressure of 5 atmospheres the loss of water amounts to 28 liters during a period of 48 hours. The sloping canal is located partly underground and partly on a dam covered by turf. The interior of the canal is as smooth as glass and has a diameter of 1.65 m.. The walls are 0.35 m. thick. The sloping canal has a capacity of 20,000 (cu. m.?).
6. The Danube tunnels serve to conduct the water under the Danube into the Magyar Waterworks. The tunnels have an interior diameter of 3.20 m.. Two iron pipes, having a diameter of 800 mm., are located on the right and left sides inside the tunnels and conduct the water to the waterworks. Entrance can be gained to the tunnels by the use of elevators as well as stairways. One of the tunnels is 570 m. and the other 620 m. long. The interior of the tunnels is concrete and the bottom is kept dry by a draining arrangement.
7. The most sensitive parts of the water supply system are the pumping station and the reservoirs. In the event that one of these installations should be damaged, the water supply of Budapest would be destroyed.
8. The water towers which serve to distribute the water supply are located in the following parts of the city of Budapest:
 - a. Water tower at the corner of Stefania ut and Egressi-ut. Capacity: 50,000 cu. m. per 24 hours.
 - b. Water tower on the grounds of the slaughterhouse. Capacity: 60,000 cu. m. per 24 hours.
 - c. Water tower on Margitsziget. Capacity: 10,000 cu. m. per 24 hours.
 - d. Reservoir and pumping station at the corner of Istenhegyi ut and Kekgolyo ut. This is an emergency reservoir with a capacity of 500 cu. m..
 - e. Water tower on Széchenyihegy in a closed area at the corner of Széchenyi ut and Denever ut. Capacity: 30,000 cu. m. per 24 hours.
 - f. Water tower at Rakospalota. Capacity: 40,000 cu. m. per 24 hours.

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ATTACHMENT - 1

Legend to the sketch of the Megyer Waterworks on attachment 2:

1. Machine house.
2. Pumping station.
3. Living quarters.
4. Underwater pipe to the waterworks and .
5. Waterworks.
6. Area of the water sources.
7. Area of the new water sources.
8. Machine houses.

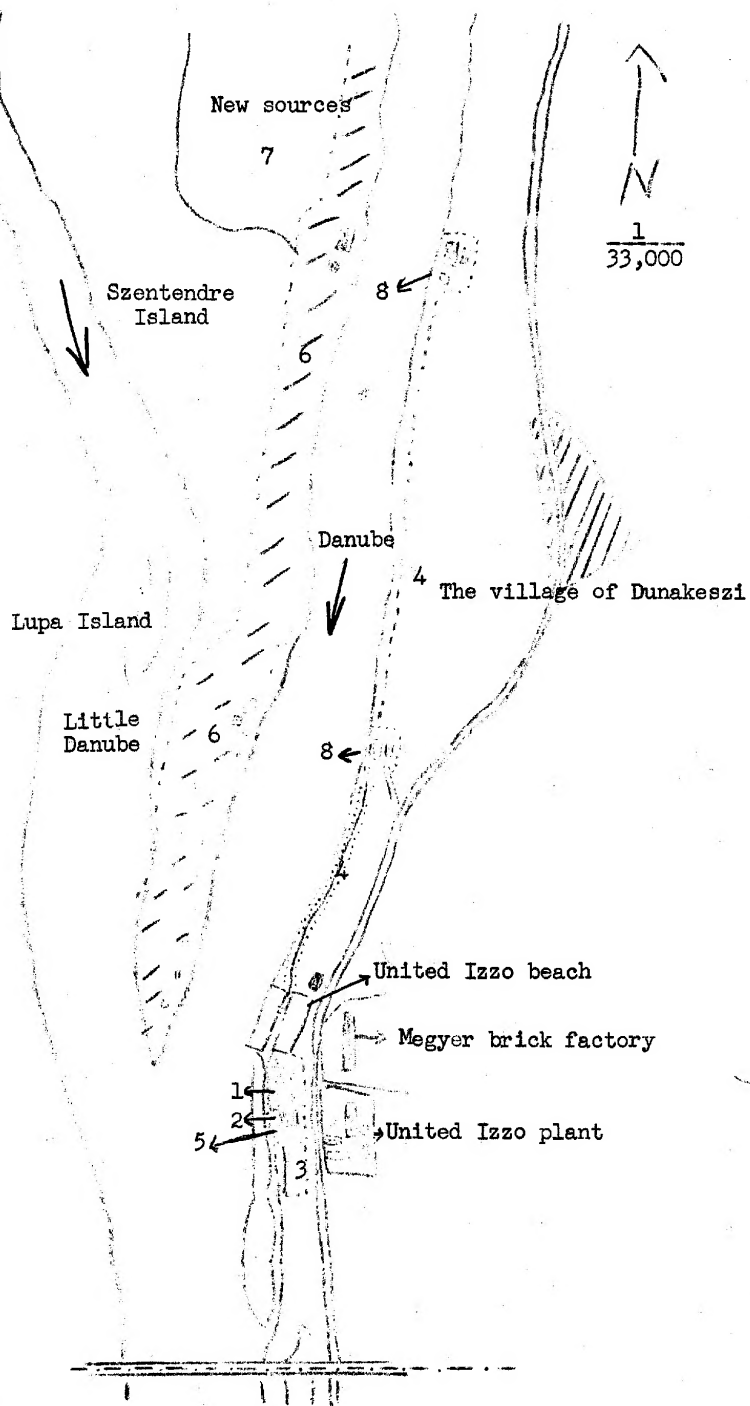
The sketch represents map 1:200,000 in the ratio of one sixth, that is 1:33,000.

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ATTACHMENT - 2

The Megyer Waterworks

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